FOR RENT

The Commodious Business Building on the Northwest Corner of Public Square. One of the best business stands in the city of Farmington. Apply to

> J. C. WILLIAMS Or WM. O'SULLIVAN

:: COUNTY CORRESPONDENCE ::

Mrs. Effic Isom of Illinois was visiting friends and relatives here the

Mr. and Mrs. Dan O'Sullivan and daughter, Mae, attended the funeral of Mrs. O'Sullivan's sister in St. Louis

Mrs. Mary Eaves and daughter, Dell, of Desloge were visiting the former's parents, Mr. and Mrs. Joseph Crader here Saturday and Sunday.

James and Samuel Crawford are working in Elvins this week. Miss Blanche Dees was visiting in

Flat River last week.

Adam Meyer of Herculaneum is visiting home folks here this week.

Ed Zimmerman of Farmington visited John Brewen here Sunday.

Miss Letta Sheets of Farmington
was visiting here the latter part of

Mr. Fletcher Mitchell and daughter,

Rose, of Caledonia were visiting here the latter part of last week. Mr. Marvin Harvey of Elvins was

visiting here Sunday.
Mrs. P. P. Gruner and Miss Cynthia Gruner were Farmington visitors

thia Gruner were Farmington visitors
Saturday.

Mrs. Finis Boyd and children of
Flat River visited Mrs. Ann Elser of
this place Saturday and Sunday.

Mr. Will Alexander of near Farmington was here on business Saturday.

Carl Schaffer was in Farmington
Saturday and Sunday.

Mr. Eugene Sizemore and wife and
children were in Farmington Satur.

children were in Farmington Satur-

day.

Mr. Wm. Rosenstengel and children visited relatives in Eather Sunday.

Mrs. W. A. Baugh returned to Morehouse Sunday. She has been visiting her parents, Mr. and Mrs. John Boswell, the past few weeks. Miss Bessie Boswell was visiting

Miss Besaie Boswell was visiting relatives in Desloge. Mrs. John Hulsey and son, George, were in Farmington Monday. Joe Faulkner was visiting relatives here Saturday and Sunday.

M. T. Reed was a business visitor

in Farmington recently.

B. I. Morris was visiting here

Thursday.
Mr. and Mrs. Marion Matkin and children, Ethel and Philip, were vischildren, Ethel and Philip, were visiting in Farmington Saturday.

Mr. and Mrs. Jim LaGrant and little grandson of Arkansas were visit-ing here last week. | Mr. Clark's family have moved from

Miss Kora Keeling was visiting her

Your sheep, hogs,

cattle, horses and

mules are subject to

deadly attacks of

Mr. and Mrs. Sam Brim moved to Bismarck Saturday.

Miss Eathel Thomure was visiting

Miss Eathel Thomure was visiting grand parents, Mr. and Mrs. John Fairchild, at River Mines the latter part of last week. Mr. Thos. McCutcheon is visiting

home folks here.
The latest fashions in Millinery at

Mrs. S. C. Watts'.
Mr. Adam Keeling and wife and children were in Farmington Saturday

Cecil Flannery of Flat River is vis-iting his grandmother, Mrs. Bill Flan-Mr. P. P. Gruner was a business vis

itor at Farmington Tuesday. Miss Lillie Gruner visited in Farm-ington Tuesday and Wednesday.

ington Tuesday and Wednesday.

There was a surprise party given to Miss Lydia Zimmer at the home of Mr. and Mrs. Fred Zimmer Wednesday, the 12th. Those present were Misses Alma, Fredia and Lydia Zimmer, Susie Keeling, Emma Hertz, Tilda Schaffer, and Messrs. Fred Keeling, Hobart Schaffer, Lewis Hertz, Freeman Zimmer, Willie Keeling and Philip Henrich, and Mr. and Mrs. Adam Keeling, Mr. and Mrs. Fred Henrich, Mr. and Mrs. Fred Henrich, Mr. and Mrs. Fred Henrich Pleming were in Farmington Tuesday.

CROSS ROADS

Lou Welty spent over Saturday night at Farmington, the guest of relatives there. Viola Kennon was a Mine La Motte

visitor Saturday morning. Chas. Tesreau went to Mine Motte Saturday to accept a position in the Mine La Motte store. We wish

in Fredeicktown Saturday.

Lon Green purchased a horse from Joshua Beard of Mill Creek last week.

Wm. Lenz celebrated his 56th birthday on last Thursday. You'll find the style and price right. Buy your Summer Hat from Mrs. S. C. Watts.

Dr. Dines of Fredericktown was

Misses Lillian Gruner and Tella Womack, and attended services at the Schaffer were in Farmington Satur-M. E. Church.

Mrs. Wm. Tesreau was the guest of Mrs. John Banes at Mine La Motte

Mr. Clark's family have moved from Loyd Ferguson's house into Mr. L. Yeager were visiting in Desloge the first of the week.

H. B. Reed was visiting his family Lenz on last Saturday for which he

Sunday evening.

Mr. Joe Crader was visiting his son in Esther the latter part of last week.

Mrs. Martha Ross was visiting her son, William, in Bonne Terre last Sunday.

Lenz on last Saturday for which as paid a fancy price.

Mrs. Geo. Lenz and daughters, Orena and Mary Frances, of Womack spent Monday at the home of Wm. Lenz and family.

Several of the young people from

Several of the young people from here attended services at the M. E. Church at Womack Sunday night. sister, Mrs. J. M. Brannon, of Farmington last week.

Mr. Andrew Silvey of south of Farmington was visiting Mr. and business visitors in this community

on last Friday.

4 Wonderful Remedy

That Saves

Your

Stock

worms. These ravenous pests multiply by the rollions, starve your stock, keep them poor, weak, and out of condition.

OAK GROVE Harve Bowling of Flat River spen Saturday and Sunday around Oal

Joel Hammors is repairing fence around his new farm of this locality. Bradie Williams of Flat River spent a few days recently around Oak Grove.

Miss Gladys Thompson spent Sat-urday and Sunday with Miss Iva

Johnson.

The Chestnut Ridge school vill be out the 21st. Chestnut Ridge school house is well equipped for a country school. And Mr. E. S. Womack, the teacher, states that he has been treatteacher, states that he has been treated well by every one, and is thankful
for the co-operation of the people
around the school and also the directors. Mr. Womack is a fine teacher
any way you take him, and is well
liked by all.

Mr. Thos. Gregory and mother came
from Illinois last Sunday, where they
attended the funeral of the latter's
dangelter.

Harry Wampler of Flat River spent few days around Chestnut Ridge recently.
Misses Audie and May Bloom spen

Saturday and Sunday with Misses Hazel and Beulah Wampler. Those who spent Sunday afternoon with Mr. John Wampler and family were Mr. and Mrs. Ed Bloom, Mr. and

Mrs. F. F. Harter and sons Emmett and Joseph, Wisle Vaugh and sons Paul and Allen, and Louis and Virgil Bloom. All report a jolly time.

Last Saturday night was the last vocal lesson that Mr. John Simpson will give at present at Pleasant Hill. Mr. Simpson sure taught a successful vocal school.

Miss Alma Watts spent Saturday and Sunday with home folks in Farm-Everet Coleman motored to Halifax

last Saturday and back Sunday.

The farmers of this community are getting ready to plant their corn as

Don's forget the roads. Everybody join the band and work the roads more than plenty.
Miss Elvie Wampler is visiting rel

The base ball game at Mr. Joel Hammor's was carried on with success last Sunday. The team will soon be ready to play with any one who wants to have a match game.

Mrs. Alay Gordon spent a few days. Mrs. Alex. Gordon spent a few days

in Flat River recently.

Practical hats at reasonable prices—you'll find them at Mrs. S. C. Watts'.

Messrs. Dock and John Mackley of Farmington made a business trip to this section last week.

A lawn party was given at Mr. and Mrs. John Gordon's on last Friday Mrs. John Gordon's on last Friday night. Those who were present were Mr. and Mrs. Horn, Misses Iva and Violet Mullens, Ollie and Audrey Womack, Jessie and Hearty Bowling of Farmington, Jennie Coffen, Iva Johnson, Emma and Florence Bowline, Claud and Nora Cruse, and Messrs. Bradie Mullens of Flat River, John Gordon, Noah and Roy Wampler, Obrien and Geo. Smith, Clarence Wade, Charley Archenbeau, Hugh Kindwell, Elbert and Wimple Gordon, Willie Ragsdale, Amsie and Carol Vaugh, Orval and J. C. Hunter, Jay and Samuel Cowley, Jewel Bowling, and Samuel Cowley, Jewel Bowling, Mertic Cruse, Acie Smith, Ralph Thomure and Everet Coleman. All had a fine time.

BRIGHTSTONE

We are having some spring showers at this writing.

Mr. Harry Klemp was a Brightstone visitor Wednesday.

Messrs. James Clark, Wm. Kessler

and Oscar Kinneman made a business

and Oscar Kinneman made a business
trip to Farmington Monday.
G. C. O'Bannon has purchased the
C. B. Scott place near here.
All that's new in Millinery, at
reasonable prices.—Mrs. S. C. Watts.
Quite a number of Brightstoners
attended church at Germany Sanday.
H. H. O'Bannon made a business
trip to Knob Lick Monday,
Mrs. H. M. O'Bannon is reported
some better at this writing.

some better at this writing.
Quite a number of Brightstoners and Germany youngsters Sundayed at Albert Klemp's. All reported spending a pleasant day.

There will be an entertainment and fruit supper at the Brightstone church Friday night, April 28th.

DAVIS CROSSING

Mrs. Walsh gave quite a successful entertainment on last Tuesday. All present had a good time and a good dinner. On the same evening the younger set had their good time at

party. Mr. Carl Norwine and wife of Flat

River were visiting Mr. and Mrs. Harris last Tuesday. Correct styles in Millinery at the right price—Mrs. S. C. Watts. Mr. Geo. Crocker is a man who deserves a great deal of credit for what his wife has done. She started right his wife has done. She started right his wife has done. She started right from the stump sixteen years ago. They went in debt for the land on which they have built their home. They have paid for it and raised a family of twelve children.

Mentioning the large family makes me think of the man from Yaller Creek down in Mississippi. He was

Creek down in Mississippi. He was convicted of selling whiskey. The judge asked him how long he had lived on Yaller Creek. He answered. at the creek. He answered. 40 years. "And how many children have you?" The man answered. 14 The judge said, well if you have lived on Yaller Creek 40 years and raised 14 children, I think you have had punishment enough, so I am going to let you go home to your wife and children.

Quite a lot of enthusiasm over the lead prospects, as some parties are ontioning their land at \$300 an acre. We are evidently in the heart of the lead district.

Mrs. T. H. Coxey is able to be out Mrs. Finis Sinclair went to her

home in Bellevue last week.

Mrs. Geo. Lindsey made a business
trip to Bismarck Monday.

Mrs. Belle Bowman and Miss Annie Kintz of St. Louis visited the former's sister, Mrs. G. P. Lucas, Saturday and Sunday, John Berthold of Desloge is with

home folks.

Jas. Stewart of Arkansas is visit-ing at the home of H. L. Grider. Practical bats at reasonable prices—you'll find them at Mrs. S. C. Watts'. J. H. Hinze has purchased a new J. H. Hinze has purchased a new ord automobile. Misses Ruth and Lillie Matkin

made a business trip to Elvins Saturday.

Mrs. Bessie Light and little sen
spent Monday and Tuesday with her
sisters, Mrs. C. Matkin and Miss

Maude Dent.

Mesdames Henry Fisher, Winnett
Fite and Miss Mildred Clark visited
S. P. Dent and family last week.
S. P. Dent made a business trip to
Farmington Wednesday.

Mrs. A. Stanell arrived last week

Mrs. A. Stencil arrived last week to be at the bedside of her mother, Mrs. C. V. Coxey.

David Sherrill is at the home of his sister, Mrs. S. M. Beard.

DESLOGE

Miss Tessie Nixon visited in Farm-ington Saturday and Sunday. The little son of Mr. and Mrs. Jas. Morris was quite ill the first of the

Mrs. Gilbert Pratt was brought home from the hospital in St. Louis Saturday night. She has greatly im-

Dr. L. M. Reeves was a St. Louis visitor Sunday and Monday. Mrs. Guy Sweet of Mine La Motte was visiting her parents, Mr. and Mrs. Mike May, of Cantwell the first of the week of the week.

Ed Buchanan is having a house built on his lot in the south part of Grandma Lindsey is critically ill

this writing:
Wes Buchanan bought a house in
the south part of town from Mrs. Irvin Eaves Saturday.
Mr. and Mrs. J. S. Green of Leadington visited at the home of W. T.
Green Sunday.

Green Sunday.

Misses Helen and Muriel Randolph
visited at the home of Mr. and Mrs.
Herb Murrill of Flat River Saturday and Sunday.

John Gardner of Cantwell has been

ritically ill of pneumonia the past Hr. and Mrs. Gus Randolph and children were Flat River visitors Sun-

day.
The 19-year old son of Mr. and Mrs. Joe Degonia died at their home in Desloge Monday, April 17, 1916. Alma, the three-year old daughter of Mr. and Mrs. Jas. Mitchell, fell off

of Mr. and Mrs. Jas. Mitchell, fell off
the porch and broke her right arm
Tuesday. She is getting along nicely.
Louis Peter, the only child of Mr.
and Mrs. Louis D. Casey, died in St.
Louis Tuesday, April 18, 1916, age
9 months and 10 days. Interment was
in Calvary cemetery, in St. Louis,
Wednesday. We extend sympathy to
the bereaved parents.
Mrs. Cora Turley is having the hotel repainted and repaired.
Mr. and Mrs. McCormick and daughter Vera, were visiting Mrs. McCormick's mother, Mrs. Frank Auguck,
this week.

this week. Wm. Mauson was on the sick list the first of the week.

Allen Sweet has sold his property in St. François and is now at the New

Dr. J. G. Turley left last Tuesday for New York to enter school. F. Kleppsattel is on the sick list

nis week. Mr. and Mrs. Bert Smith left Thursday for their home in Belgrade, after a visit in Desloge.

Miss Pearl Morris of Bonne Terre Route 1 visited J. A. Thurman Sun-

day.

Mrs. John Thurman and daughters, ne Terre Friday.

Mrs. G. Meyers and daughter, Irene, visited home folks Monday. Gladys Hughes is spending a week in Farmington.
Miss Edna Cundiff of Farmington visited home folks here Saturday and

Sunday.

Mrs. Henry Fischer and little son,
Dorwood, left Tuesday for their home in Joplin.

Misses Ethel and Augusta Thur-man and Alva and Grace Ward were

Elvins visitors Sunday afternoon. Walter Bouchard was a Flat River visitor Sunday afternoon.

Mrs. R. S. Kahn returned from St.

Louis the latter part of last week. Hazel Jordon made a trip to Leadwood Monday evening, returning Tuesday morning.

MINE LA MOTTE

Mr. Everett Taber's baby is on the Mr. Al Pruitt got his right hand pretty badly mashed under ground. The Katherine mines is working a large force of men at present.

A thief tried to force his entrance

A third tried to force his entrance into the station agent's home last Thursday evening by cutting away the screen on a window, but was frightened away by the agent's wife.

The Mine La Motte Mining Co. is making great improvement about the plant. They are hiring lots of men.

Fredericktown is booming. The contractors want several masons and laborers at once.

laborers at once.

Mr. Wm. Westbrook of Mine La Motte has held several good old-time meetings here of late. Chas. Quinton moved to the Sherman Wright lease.

LICENSED TO MARRY

Efficient Use of Farm Machinery

Efficiency should be the watchword on the farm as well as in the factory. Owing to the exceedingly varied op-erations on the farm there is abun-dant room for inefficiency. In the fac-tory a man is expected to do a cer-

tory a man is expected to do a cer-tain amount of work and on the farm due to the widely varying conditions, it has been a hard and slow process to work out a set of standards. Scarcity of farm labor has become a fixed condition, and the farmer must either reduce his area or depend upon machinery. Since the earliest time of which we have any records man has exercised his ingenuity in devising implements to aid him in keeping the wolf from the door.

wolf from the door.

The promotion of food producers to food consumers grows constantly smaller. The 1910 census shows that out of total rural population of 49,000,-000, only one-eighth or 6,000,000 are classified as farmers. This means that 6,000,000 are now producing food for one hundred million people. Compare this with conditions a century ago, when nearly the entire population

when nearly the entire population were producers.

Efficiency and durability is the aim and modern extensive farming demands the best machinery and the most efficiency has been largely responsible for the change over the conditions of a century ago. Each year shows advancement in this respect and there are some principles in respect to materials and methods of construction which must be recognized and adhered to as standard pracconstruction which must be recognized and adhered to as standard practice. As an example of what modern machinery and efficient methods can do, is shown by the record made by James F. Lawson of Carrollton, Mo, in making biscuits from wheat four minutes and 37 seconds after the binder entered the field.

No cut and dried rule can be laid down for the amount of machinery and

down for the amount of machinery and power the farmer needs to a specified acreage. From an economical stand-point it is up to the farmer to study his conditions so as to make the most efficient use of his labor and that of his animals and to find out what point of machinery investment will give the maximum returns. I once heard Dr. Carver say "That the ideal farm was that size farm, which the family by using the best machinery and most improved methods, could

make yield the largest returns,"

This subject cannot be exhausted in one sitting. However, I am going to try to scratch it deep enough to make it bleed before time to escape. In or-der for me to do this I am going to

prune the subject down to one or two things. The Efficient Use of the Horse and

Plow
The horse is the largest part of the The horse is the largest part of the motive power on the farm and much depends upon his efficiency. Almost one-half of the cost of production is made up of horse labor. Thus the question of economical management of the horse becomes a vital question. P. S. Rose, Editor of American Thresham. men, in a recent address at the Pana-ma Exposition stated "That more power was used on the farm than all of the factories of the United States

put together."
He shows figures from 1910 census to support this fact. Yet if the fac-tories used their power as inefficient-ly as it is used on the farm, they would all be bankrupt in six months. Power on the farm is an absolute necessity; but the question is then, how are we to obtain this power more

how are we to obtain this power more economically?
Horse is the common source of power on the farm, but just how much power does he deliver? This point is not always clearly understood. As a matter of fact the power which a horse can deliver varies considerable and depends upon his size, muscular development and speed. A horse is able to exert a pull on his trace equal to one-tenth to one-eighth of his own weight and keep it up all day. A per hour, four-fifths horse power, 11-2 miles per hour, three-fifths horse power. Using this as a basis it will be an easy matter to find out what a horse should be capable of doing.

Means of Increasing the Efficiency Farm Machinery Better care.
 Better design—simple, ease of adjustment; reliable; durable; lubrication; accessible.

Adaptation. Standardize.

6. Better operation. BETTER CARE—It is a well known fact that more machinery rusts out than wears out. There is a large economical loss each year due to the poor shelter and care which the farm mashelter and care which the farm ma-chinery usually receives. The av-egare life in this country is only about five years, while the average life of farm machinery in Germany is 10 to 12 years. (Example use of binder.) Charity covers a multitude of sins but not so many as are covered by paint. Paint makes even a plow of questionable character look perfectly

BETTER DESIGN-There are fou points which must be kept in mind in the design of machinery. They are: simplicity, reliability, durability and accessibility.

ADAPTATION-A machine ADAPTATION—A machine must be adapted to the purpose for which it is used. The greatest difficulty in the manufacture of a machine is not so much in getting a machine which is adapted to its work, as it is to adapt it to the average farmer, for all farmers are not gifted with equal mechanical ability. In other words, it must be as nearly "Fool Proof" as possible.

boxes, 500 running gears and 7,300 combinations. These have been greatly simplified and reduced to three standard types, which will tend to reduce the price of wagons.

BETTER OPERATION—After all is said and done the afficient use of

BETTER OPERATION—After all is said and done the efficient use of machinery depends upon good operation. Since the plow was the first implement invented for farm use, and as it is very often abused, I will take for illustration the possibilities of better operation.

The plow runs lightest when so adjusted as to allow the sole of the land side to run level from point to the heel. When made to cut wider, narrower, shallower or deeper than

narrower, shallower or deeper than the adjustment of the plow ordinarily permits, the draft may be increased as high as 15 or 20 per cent. According to Sanborn, the plow shows the lightest draft when set to cut the

the lightest draft when set to cut the widest furrow of which it is normally capable of doing.

The use of the coulter decreases the total draft. Sharpness of share and point may vary the draft as high as 45 per cent. The power absorbed in severing the furrow slice demands that shares be not only sharp but properly adjusted and shapened. Sanborn also states that there is a difference in draft of 6.7 per cent in favor of the old point resharpened over a dull point on same plow and that there is a difference of 35 per cent in favor of a new point over the old one sharpened.

The total draft of a plow is the product of numerous factors each of

product of numerous factors each of which will vary under different cir-cumstances. The location of the cen-ter of resistence varies somewhat with the character of the soil, shape of plow and size of furrow, but for av-

plow and size of furrow, but for average conditions it may be taken as a point on a line parallel to the landside and 2 inches from it.

The true line of draft is always from this center to the point where power is applied, hence any inforced angle, such as caused by the sagging of traces, holding up the traces by straps, extending or shortening the beam and raising or lowering the draft pin in the clevis disturbs the adjustment. The total draft of a plow is the product of numerous factors each of which will vary under different conditions. different conditions.

Factors Affecting Draft of Plow
1. Character and Quality of soil.
2. Amount of moisture. Width of furrow.

4. Depth of furrow.
5. Shape of moldboard.
6. Finish of moldboard.
7. Method of hitch.
Comparison of Stubble Bottom Good Plowing-Width of Bottoms.

Draft Depth Draft Depth Draft Draft Draft in Av. Av.lb Av. Av.lb av. av.lb ins. total in 2 tota

8 430 4.02 595 4.65 595 4.13
In summing up we find that the economic production of crops depends upon several factors. First adapting the size of the farms to the size of the family and amount of working capital, the use of efficient methods of tillage, use of proper size implements in accordance with the acreage farmed and the efficient care and operation of these implements. It is only by the use of more business methods and a close analysis of factors affecting the cost of production, that fecting the cost of production, that we can hope to secure the greatest returns for our labor. In other words use more horse sense on the seat and there will be less need for it in the

collar. Average Draft Per Foot of Width Rollers Smooth steel......64 to 70 pounds. Corrugated C. I.....75 to 84 pounds. Draft Per Square Inch of Cross Section of Furrow

weight and keep it up all day. A standard horse power by which all prime movers are compared is the ability to move 33,000 fbs. 1 foot per minute, or 1 pound 33,000 feet per minute. In other words a 1,500 pound horse moving at the rate of two miles are how fow form fifthe horse moving at the rate of two miles are how fow form fifthe horse moving at the rate of two miles are how fow form fifthe horse moving at the rate of two miles are how fow form fifthe horse moving at the rate of two miles are how form fifthe horse moving at the rate of two miles are how form fifthe horse moving at the rate of two miles are how form fifthe horse moving at the rate of two miles are how form fifthe horse moving at the rate of two miles are how form fifthe horse moving at the rate of two miles are how form fifthe horse moving at the rate of two miles are how form fifthe horse moving at the rate of two miles are how form fifther horse moving at the rate of two miles are how form fifther horse moving at the rate of two miles are how form fifther horse moving at the rate of two miles are horse moving at the rate of two miles In prairie sod......15 Av. drft. Dpth Wdth av.lb.in.
One team 725lbs. 6.7 23.5 4.55
2 tms abrat 805lbs. 7.7 21.9 4.74

Efficiency of Plow and Team

Size No. 12 14 1.70 55.5 52.6 $\frac{1.11}{1.05}$ 1.80 1.90 2.10 47.6 43.4 40.0 12 14 1.42 3-10 3-9 1.30 2.50 16 12 1.65 14 16 1.75 1.851.14 12 2.20 1.36 45.6 41.8 3-10 1.25 16 2.60 2.30 14 16 1:64 40.0 2.80 4.00 4.85 24 28 25.0 23.7 .94 4.50 24 28 1.11 4.75 5.25 3-10 3-10 1.14 19.0 raction Plowing, 7 to 9 Acres, Per Day Per H. P., Fuel Cost Per Acre, Gasoline 46 to 54 cts.

May 13th, Mike Tomjonric and Kate Srok of Flat River. 14th, Walter Spencer Merrell of Webster Groves and Elsie McLain Bridges of Lawton, Okla. 17th, J. C. Bird and Eva Thornton of Cantwell. 19th, Fritz Meyer of Ste. Genevieve and Cora B. Merritt of Elvins. 20th, Marion Jarrells and Nancy Knen, of Eather. BISMARCK R. F. D. The Great Worm Destroyer and Conditioner LIGHT OF DRAFT-A well and the signed machine eliminates all unnec-essary draft as much as possible. STANDARDIZE—The past year has shown marked improvement in this line, especially in farm wagons. This may assume you that is the past there have been 650 different wagon F. M. LAAKMAN, Druggist